



Semi-solid preparations with gako unguator devices

Using the gako unguator devices as a compounding solution benefits high product quality

- manufacturing range from 20ml up to 2000ml
- reproducible product quality
- time saving in the manufacturing process
- maximum shelf life due to minimum air impact
- no contamination during mix and transfer > mixing jar = dispensing jar
- accredited quality according to globally recognised standards and relevant practices!
- easy ointment extraction due to movable bottom and single hand principle
- simple and hygienic application directly on the skin

Scabies

Scabies is an infestation of the skin by the mite *Sarcoptes scabiei*, which causes intense itching with irritating papular or vesicular eruptions.

The usual sites of infestation are between the fingers and on the wrists, but the face, palms, soles and in some cases the trunk can also be affected. Scabies is a highly contagious condition that must be treated with scabicide medicines. Anyone who has had close contact with the patient requires prophylactic treatment.

Having a range of topical vehicles for compounding allows the prescriber to customize the treatment to each individual and the specific affected body areas. As most medicines are applied before night and washed off in the morning, non-sticky preparations are greatly appreciated by patients.

Customized treatment of scabies

Scabies is treated by using active pharmaceutical ingredients (APIs) with scabicide and insecticide properties that are applied directly to the site of infestation.

1. APIs can be selected, based on individual dosing, to meet patients' specific treatment needs according to grade and site of infestation.
3. Patient comfort is provided with the proper choice of dermatological vehicles. The vehicles are gentle, easy to apply, non-sticky and non-greasy.
4. The following preparations can be manufactured with all of the gako unguator devices using the general principle of the Unguator Technology. More information is available on unguator.com

Recommended APIs in the treatment of scabies¹

API	Function	Indication specific dosage (range)	Common dose frequency
Benzyl benzoate	Insecticide. It kills lice and scabies mites	25%	Single or multiple application
Permethrin	Insecticide. It kills lice and scabies mites	5%	Single or multiple application
Sulfur	Sulfur is an antifungal, antibacterial, keratolytic agent. Also shows scabicide activity	8 to 10%	Single or multiple application

Recommended vehicles for compounding in the treatment of scabies

Vehicle	Skin type profile	Skin types
Fitalite™ Natural gel cream base		Oily skin Very dehydrated skin
Nourilite™ Vanishing O/W emulsion base		Balanced skin Affected skin
		Dehydrated skin Specific skin area

¹ Literature references available upon request.

Compounding formulations for scabies

Rx/ Benzyl benzoate 25% in Nourilite™ S. Single or multiple application	Rx/ Permethrin 5% in Fitalite™ S. Single or multiple application
Rx/ Permethrin 5% in Nourilite™ S. Single or multiple application	Rx/ Sulfur 8% in Nourilite™ S. Single or multiple application

Compounding formulations are based on Fagron Advanced Derma, a solution of our partner Fagron.

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